

AMENDMENT

Please amend the subject application as set forth below:

IN THE SPECIFICATION

Please amend the specification as follows:

On page 33, line 24, after "5'-(C)₁₈" insert -- (SEQ. ID NO. 4) --.

On page 33, line 33, after "5'-(G)₁₈-(N)₇" insert -- (SEQ. ID NO. 3) --.

On page 34, line 35, after "5'-(C)₁₈" insert -- (SEQ. ID NO. 4) --.

On page 35, line 4, after "wild type sequence" insert -- (SEQ. ID NO. 1) --.

On page 35, line 5, after "mutant sequence" insert -- (SEQ. ID NO. 2) --.

On page 35, line 11, before "S•S-(G)₁₈-(N)₇" insert -- (SEQ. ID NO. 3) --.

On page 36, line 4, after "CCTGC" insert -- SEQ. ID NO. 5 --.

On page 36, line 5, after "TGTGC" insert -- SEQ. ID NO. 6 --.

On page 36, line 6, after "GTGCC" insert -- SEQ. ID NO. 7 --.

On page 36, line 7 after "TGCCT" insert -- SEQ. ID NO. 8 --.

On page 36, line 8, after "GCCTG" insert -- SEQ. ID NO. 9 --.

On page 36, line 9, after "CCTGT" insert -- SEQ. ID NO. 10 --.

On page 36, line 11, after "CTGCG" insert -- SEQ. ID NO. 11 --.

On page 36, line 12 after "CTGTC" insert -- SEQ. ID NO. 12 --.

On page 36, line 13, after "TGTCC" insert -- SEQ. ID NO. 13 --.

On page 36, line 14, after "CGAGA" insert -- SEQ. ID NO. 14 --.

On page 36, line 15, after "GTCCT" insert -- SEQ. ID NO. 15 --.

On page 36, line 17 after "TCCTG" insert -- SEQ. ID NO. 16 --.

On page 36, line 18, after "CCTGG" insert -- SEQ. ID NO. 17 --.

On page 36, line 19, after "CTGGG" insert SEQ. ID NO. 18--.
On page 36, line 20, after "TGGGA" insert SEQ. ID NO. 19--.
On page 36, line 21, after "TGCGA" insert SEQ. ID NO. 20--.
On page 36, line 22, after "GGGAG" insert SEQ. ID NO. 21--.
On page 36, line 23, after "GGAGA" insert SEQ. ID NO. 22--.
On page 36, line 24, after "GAGAG" insert SEQ. ID NO. 23--.
On page 36, line 25 after "AGAGA" insert SEQ. ID NO. 24--.
On page 36, line 26 after "GCGAG" insert SEQ. ID NO. 25--.
On page 37, line 21, after the word "NO." please delete [--] and insert in its place
-- 1 & SEQ. ID NO. 2 --.

A¹ On page 40, line 1, before the claims, please insert the attached initial "Sequence Listing."

IN THE CLAIMS

Please amend the claims as follows:

A² 2. (Amended) The method of Claim 1 wherein the primer comprises a polynucleotide, said polynucleotide being between [of] 3 and 7 bases in length.

A³ 8. (Amended) The method of Claim 5 wherein the solid surface is silicon glass [class].